## SEQUENCE LISTING

## (1) GENERAL INFORMATION:

- (i) APPLICANT: Cronin, Maureen T.

  Miyada, Charles Garrett
  Hubbell, Earl A.
  Chee, Mark
  Fodor, Stephen P.A.
  Huang, Xiaohua C.
  Lipshutz, Robert J.
  Lobban, Peter E.
  Morris, Macdonald S.
  Sheldon, Edward L.
- (ii) TITLE OF INVENTION: Arrays of Nucleic Acid Probes for Detecting Cystic Fibrosis
- (iii) NUMBER OF SEQUENCES: 250
- (iv) CORRESPONDENCE ADDRESS:
  - (A) ADDRESSEE: Townsend and Townsend and Crew LLP
  - (B) STREET: Two Embarcadero Center, 8th Floor
  - (C) CITY: San Francisco
  - (D) STATE: California
  - (E) COUNTRY: USA
  - (F) ZIP: 94111
- (v) COMPUTER READABLE FORM:
  - (A) MEDIUM TYPE: Floppy disk
  - (B) COMPUTER: IBM PC compatible
  - (C) OPERATING SYSTEM: PC-DOS/MS-DOS
  - (D) SOFTWARE: PatentIn Release #1.0, Version #1.25
- (vi) CURRENT APPLICATION DATA:
  - (A) APPLICATION NUMBER: US 08/544,381
  - (B) FILING DATE: 10-OCT-1995
  - (C) CLASSIFICATION:
- (vii) PRIOR APPLICATION DATA:
  - (A) APPLICATION NUMBER: US 08/510,521
  - (B) FILING DATE: 02-AUG-1995
- (vii) PRIOR APPLICATION DATA:
  - (A) APPLICATION NUMBER: PCT/US94/12305
  - (B) FILING DATE: 26-OCT-1994
- (vii) PRIOR APPLICATION DATA:
  - (A) APPLICATION NUMBER: US 08/284,064
  - (B) FILING DATE: 02-AUG-1994
- (vii) PRIOR APPLICATION DATA:
  - (A) APPLICATION NUMBER: US 08/143,312
  - (B) FILING DATE: 26-OCT-1993
- (viii) ATTORNEY/AGENT INFORMATION:
  - (A) NAME: Liebeschuetz, Joe
  - (B) REGISTRATION NUMBER: 37,505
  - (C) REFERENCE/DOCKET NUMBER: 018547-004130US
  - (ix) TELECOMMUNICATION INFORMATION:

			TELEPHONE: TELEFAX: 4							
(2)	INFO	RMATIO	N FOR SEQ	ID NO:1:	•					
	(i)	(A) (B) (C)	NCE CHARAC LENGTH: 18 TYPE: nucl STRANDEDNE TOPOLOGY:	B base par leic acid ISS: sing	irs					
	(ii)	MOLEC	ULE TYPE:	DNA (olig	gonucleotide	:)			•	
	(vi)	SEOTTE	NCF DESCRI	IDTION S	EQ ID NO:1:					
י ארווים			-	IPIION: 5	EQ ID NO:I:					10
	ACCACTO									18
(2)			N FOR SEQ							
	(i)	(A) (B) (C)	NCE CHARAC LENGTH: 14 TYPE: nucl STRANDEDNI TOPOLOGY:	l base pa: Leic acid ESS: sing:	irs	. •				
	(ii)	MOLEC	ULE TYPE:	DNA (oli	gonucleotide	e)				
				. :			ı			
	(xi)	SEQUE	NCE DESCR	PTION: S	EQ ID NO:2:					,
AT'	rggmga	GT GCC	C							14
(2)	INFO	RMATIO	N FOR SEQ	ID NO:3:			•		÷	
	(i)	(A) (B) (C)	NCE CHARAG LENGTH: 14 TYPE: nuc STRANDEDNI TOPOLOGY:	1 base pa Leic acid ESS: sing	irs		,	· ,		
	(ii)	MÖLEC	ULE TYPE:	DNA (oli	gonucleotide	e)				.*
			·							
	(xi)	SEQUE	NCE DESCR	IPTION: S	EQ ID NO:3:					
AT'	rggaga(	GT GCC	:c							14
(2	) INFO	RMATIO	N FOR SEQ	ID NO:4:						
	(i)	(A) (B) (C)	INCE CHARAGE LENGTH: 14 TYPE: nuc STRANDEDNI TOPOLOGY:	4 base pa leic acid ESS: sing	irs					
	(ii)	MOLEC	TULE TYPE:	DNA (oli	gonucleotide	∍)				

	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:4:	
ATTG	GCGAG	GT GCCC	14
(2)	INFOR	RMATION FOR SEQ ID NO:5:	
	(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 14 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(ii)	MOLECULE TYPE: DNA (oligonucleotide)	
	, ,,		
	(X1)	SEQUENCE DESCRIPTION: SEQ ID NO:5:	
ATTO	GKGA	GT GCCC	14
(2)	INFO	RMATION FOR SEQ ID NO:6:	
	(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 14 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(ii)	MOLECULE TYPE: DNA (oligonucleotide)	
	٠.		
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:6:	
ATTO	GGGA	GT GCCC	14
(2)	INFO	RMATION FOR SEQ ID NO:7:	
	(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 14 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	
	(ii)	MOLECULE TYPE: DNA (oligonucleotide)	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:7:	
ATTO	GTGA	GT GCCC	14
(2)	INFO	RMATION FOR SEQ ID NO:8:	
	(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 14 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(ii)	MOLECULE TYPE: DNA (oligonucleotide)	

	True firsts 57 H	:
.,	Ē	
1	į	*******
i	=	į
Series.	Treff of To. 18 18	******
1	å	
3	-	-
	-	-
2	i	
	=	,
i		
3	¥	-
3	£11.7	3
1	=	1
	11 11 11 11 11 11 11 11 11 11 11 11 11	,,,,,,,

(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:8:				
ATTGGRGAG	T GCCC				14
(2) INFOR	MATION FOR SEQ ID NO:9:				
(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 18 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear				
(ii)	MOLECULE TYPE: DNA (oligonucleotide)				
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:9:			•	
TAACCCCTC	CA CGGGAGCA			:	18
(2) INFOR	RMATION FOR SEQ ID NO:10:	•			
(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 18 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear		·		
·(ii)	MOLECULE TYPE: DNA (oligonucleotide)		٠.		
				•	
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:10:				
TAACCGCT	CA CGGGAGCA	•		,	18
(2) INFO	RMATION FOR SEQ ID NO:11:		٠		
(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 18 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	·			
(ii)	MOLECULE TYPE: DNA (oligonucleotide)	•			
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:11:				
TAACCTCT	CA CGGGAGCA				18
(2) INFO	RMATION FOR SEQ ID NO:12:				
(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 22 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear				
(33)	MOLECULE TYPE. DNA (olicopyclectide)				

(x:	i) SEQUENCE DESCRIPTION: SEQ ID NO:12:	
ATTAAC	CACT CACGGGAGCT CT 2	2
(2) IN	FORMATION FOR SEQ ID NO:13:	
(	i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 13 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	
(i	i) MOLECULE TYPE: DNA (oligonucleotide)	
(x	i) SEQUENCE DESCRIPTION: SEQ ID NO:13:	
TGGTGN	IKYGC CCT	.3
(2) IN	FORMATION FOR SEQ ID NO:14:	
(	(i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 13 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	
(i	i) MOLECULE TYPE: DNA (oligonucleotide)	
(x	ci) SEQUENCE DESCRIPTION: SEQ ID NO:14:	
TGGTGA	AGCGC CCT	13
(2) IN	NFORMATION FOR SEQ ID NO:15:	
<b>(</b>	(i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 13 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	
(i	ii) MOLECULE TYPE: DNA (oligonucleotide)	
()	xi) SEQUENCE DESCRIPTION: SEQ ID NO:15:	
TGGTGC	CGCGC CCT	13
(2) IN	NFORMATION FOR SEQ ID NO:16:	
,	(i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 13 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	

(11)	MOLECULE TYPE: DNA (Oligonucleotide)	
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:16:	
TGGTGGGC	CGC CCT	13
(2) INFO	PRMATION FOR SEQ ID NO:17:	
(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 13 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(ii)	MOLECULE TYPE: DNA (oligonucleotide)	
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:17:	
TGGTGTGC	CGC CCT	13
(2) INFO	DRMATION FOR SEQ ID NO:18:	
(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 13 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(ii)	MOLECULE TYPE: DNA (oligonucleotide)	
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:18:	•
TGGTGATC	CGC CCT	13
(2) INFO	ORMATION FOR SEQ ID NO:19:	
(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 13 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	·
(ii)	MOLECULE TYPE: DNA (oligonucleotide)	
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:19:	
TGGTGCTC	CGC CCT	13
(2) INFO	DRMATION FOR SEQ ID NO:20:	
(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 13 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single	

	(D) TOPOLOGY: linear		
	(ii) MOLECULE TYPE: DNA (oligonucleotide)		
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:20:		
TGG	TGGTCGC CCT		13
(2)	INFORMATION FOR SEQ ID NO:21:		
	<ul><li>(i) SEQUENCE CHARACTERISTICS:</li><li>(A) LENGTH: 13 base pairs</li><li>(B) TYPE: nucleic acid</li><li>(C) STRANDEDNESS: single</li><li>(D) TOPOLOGY: linear</li></ul>	·	
	(ii) MOLECULE TYPE: DNA (oligonucleotide)		
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:21:	•	
TGG	TGTTCGC CCT		13
(2)	INFORMATION FOR SEQ ID NO:22:	•	٠.
	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 13 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>		
	(ii) MOLECULE TYPE: DNA (oligonucleotide)		
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:22:		
TGG	TGAGTGC CCT		13
(2)	INFORMATION FOR SEQ ID NO:23:		
	<ul><li>(i) SEQUENCE CHARACTERISTICS:</li><li>(A) LENGTH: 13 base pairs</li><li>(B) TYPE: nucleic acid</li><li>(C) STRANDEDNESS: single</li><li>(D) TOPOLOGY: linear</li></ul>		
	(ii) MOLECULE TYPE: DNA (oligonucleotide)		
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:23:		
TGO	TGCGTGC CCT		13
(2)	INFORMATION FOR SEQ ID NO:24:		
	<ul><li>(i) SEQUENCE CHARACTERISTICS:</li><li>(A) LENGTH: 13 base pairs</li></ul>		

		<ul><li>(B) TYPE: nucleic acid</li><li>(C) STRANDEDNESS: single</li><li>(D) TOPOLOGY: linear</li></ul>				
•	(ii)	MOLECULE TYPE: DNA (oligonucleotide)				
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:24:	٠.			
TGGI	GCTC	GC CCT				13
(2)	INFO	RMATION FOR SEQ ID NO:25:				
	(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 13 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear		·		
	(ii)	MOLECULE TYPE: DNA (oligonucleotide)				•
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:25:				
TGGI	GTGT	GC CCT				13
(2)	INFO	RMATION FOR SEQ ID NO:26:				
	(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 13 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear				
	(ii)	MOLECULE TYPE: DNA (oligonucleotide)			•	
					•	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:26:				
TGGT	GATT	GC CCT				13
(2)	INFO	RMATION FOR SEQ ID NO:27:				
	(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 13 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	•			
	(ii)	MOLECULE TYPE: DNA (oligonucleotide)	•			
	(nc± \	CROHENCE DESCRIPTION, CEO ID NO 02				
m~~-		SEQUENCE DESCRIPTION: SEQ ID NO:27:				
		GC CCT				13
(2)	TNFO	RMATION FOR SEC ID NO.28.				

ATTAACCACT CGCGGGAGCT CT

		(1)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 13 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	
		(ii)	MOLECULE TYPE: DNA (oligonucleotide)	
		(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:28:	
	TGGT	GGTT	GC CCT	. 13
	(2)	INFO	RMATION FOR SEQ ID NO:29:	
		(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 13 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	
•		(ii)	MOLECULE TYPE: DNA (oligonucleotide)	
		(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:29:	٠.
	TGGT	rgttt	GC CCT	13
	(2)	INFO	RMATION FOR SEQ ID NO:30:	
		(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 22 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	
		(ii)	MOLECULE TYPE: DNA (oligonucleotide)	
		(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:30:	
	ATT	AACCA	CT CCCGGGAGCT CT	22
	(2)	INFO	RMATION FOR SEQ ID NO:31:	
		(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 22 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	
	٠	(ii)	MOLECULE TYPE: DNA (oligonucleotide)	
		(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:31:	

(2) INFORMATION FOR SEQ ID NO:32:		
<ul><li>(i) SEQUENCE CHARACTERISTICS:</li><li>(A) LENGTH: 22 base pairs</li><li>(B) TYPE: nucleic acid</li><li>(C) STRANDEDNESS: single</li><li>(D) TOPOLOGY: linear</li></ul>		
(ii) MOLECULE TYPE: DNA (oligonucleotide)		
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:32:		
ATTAACCACT CTCGGGAGCT CT		22
(2) INFORMATION FOR SEQ ID NO:33:		
(i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 13 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear		
(ii) MOLECULE TYPE: DNA (oligonucleotide)		
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:33:		
TAATTNKYGA GTG		13
(2) INFORMATION FOR SEQ ID NO:34:		
<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 13 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>		
(ii) MOLECULE TYPE: DNA (oligonucleotide)	•	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:34:		
AATTGNKRAG TGC		13
(2) INFORMATION FOR SEQ ID NO:35:		
<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 13 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>		
(ii) MOLECULE TYPE: DNA (oligonucleotide)	·	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:35:		

	ATT	GGNKR	GT GCC	13
	(2)	INFO	RMATION FOR SEQ ID NO:36:	
		(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 13 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	
		(ii)	MOLECULE TYPE: DNA (oligonucleotide)	
	•	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:36:	
	TTG	GTNMR'	TG CCC	13
	(2)	INFO	RMATION FOR SEQ ID NO:37:	
		(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 13 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	
		(ii)	MOLECULE TYPE: DNA (oligonucleotide)	
		(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:37:	
	GGT	GANKR	CC CTC	13
	(2)	INFO	RMATION FOR SEQ ID NO:38:	
•		(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 13 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	•
		(ii)	MOLECULE TYPE: DNA (oligonucleotide)	
		(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:38:	
	GTC	AGNKY	YCC TCG	13
	(2)	INFO	DRMATION FOR SEQ ID NO:39:	
		(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 13 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
		/ii\	MOLECILE TYPE: DNA (oligopucleotide)	

		(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:39:	
	TGAG	TNMY	CT CGA	L3
	(2)	INFO	RMATION FOR SEQ ID NO:40:	
		(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 13 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
		(ii)	MOLECULE TYPE: DNA (oligonucleotide)	
		(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:40:	
	GAG:	rgnmy"	TC GAG	L3
	(2)	INFO	RMATION FOR SEQ ID NO:41:	
•		(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 13 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
		(ii)	MOLECULE TYPE: DNA (oligonucleotide)	-
		(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:41:	
	АСТС			13
			RMATION FOR SEQ ID NO:42:	
		(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 13 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
		(ii)	MOLECULE TYPE: DNA (oligonucleotide)	
		(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:42:	
	ATTI	NKYGA	GT GCC	13
	(2)	INFO	RMATION FOR SEQ ID NO:43:	
		(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 13 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	
		(ii)	MOLECULE TYPE: DNA (oligonucleotide)	

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:43:	
ATTGNKRAGT GCC	13
(2) INFORMATION FOR SEQ ID NO:44:	
(i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 13 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	
(ii) MOLECULE TYPE: DNA (oligonucleotide)	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:44:	
ATTGGNKRGT GCC	13
(2) INFORMATION FOR SEQ ID NO:45:	
<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 13 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
(ii) MOLECULE TYPE: DNA (oligonucleotide)	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:45:	·
ATTRGTNMGT GCC	13
(2) INFORMATION FOR SEQ ID NO:46:	
(i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 13 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	
(ii) MOLECULE TYPE: DNA (oligonucleotide)	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:46:	
ATTKRTGNGT GCC	13
<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 18 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
(ii) MOLECULE TYPE: DNA (oligopuslectide)	

	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:47:	
TAAG	GCACTCA CGGGAGCA	18
(2)	INFORMATION FOR SEQ ID NO:48:	
	(i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 18 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	•
	(ii) MOLECULE TYPE: DNA (oligonucleotide)	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:48:	
TAAT	TCACTCA CGGGAGCA	18
(2)	INFORMATION FOR SEQ ID NO:49:	
	(i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 18 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	
	(ii) MOLECULE TYPE: DNA (oligonucleotide)	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:49:	
TAA	ACACTCA CGGGAGCA	18
(2)	INFORMATION FOR SEQ ID NO:50:	
	<ul><li>(i) SEQUENCE CHARACTERISTICS:</li><li>(A) LENGTH: 18 base pairs</li><li>(B) TYPE: nucleic acid</li><li>(C) STRANDEDNESS: single</li><li>(D) TOPOLOGY: linear</li></ul>	
	(ii) MOLECULE TYPE: DNA (oligonucleotide)	. •
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:50:	
TAA	CGACTCA CGGGAGCA	18
(2)	INFORMATION FOR SEQ ID NO:51:	
	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 18 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	

•	(ii) MOLECULE TYPE: DNA (oligonucleotide)		
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:51:		
			18
TAA	CTACTCA CGGGAGCA		10
(2)	INFORMATION FOR SEQ ID NO:52:		
	(i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 18 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear		
	(ii) MOLECULE TYPE: DNA (oligonucleotide)	• •	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:52:		
TAA	CAACTCA CGGGAGCA	,	18
(2)	INFORMATION FOR SEQ ID NO:53:		
	(i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 18 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear		
	(ii) MOLECULE TYPE: DNA (oligonucleotide)		
•	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:53:		
TAA	ACCAGTCA CGGGAGCA		18
(2)	INFORMATION FOR SEQ ID NO:54:		
	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 18 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>		
	(ii) MOLECULE TYPE: DNA (oligonucleotide)		
TAF	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:54:		18
(2)	INFORMATION FOR SEQ ID NO:55:		
(-)	(i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 18 base pairs  (B) TYPE: nucleic acid		

(D) TOPOLOGY: linear

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 10 base pairs

(B) TYPE: nucleic acid(C) STRANDEDNESS: single(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA (oligonucleotide)

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:59:	
CACGGGAGCA	10
(2) INFORMATION FOR SEQ ID NO:60:	
<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 14 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
(ii) MOLECULE TYPE: DNA (oligonucleotide)	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:60:	
ATTGNTNAGT GCCC	14
(2) INFORMATION FOR SEQ ID NO:61:	
<ul><li>(i) SEQUENCE CHARACTERISTICS:</li><li>(A) LENGTH: 14 base pairs</li><li>(B) TYPE: nucleic acid</li><li>(C) STRANDEDNESS: single</li><li>(D) TOPOLOGY: linear</li></ul>	
(ii) MOLECULE TYPE: DNA (oligonucleotide)	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:61:	
ATTGNANAGT GCCC	14
(2) INFORMATION FOR SEQ ID NO:62:	
<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 14 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
(ii) MOLECULE TYPE: DNA (oligonucleotide)	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:62:	
ATTGRYRHGT GCCC	14
(2) INFORMATION FOR SEQ ID NO:63:	•

GCTCCCCGAT

	(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 14 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear		·	
	(ii)	MOLECULE TYPE: DNA (oligonucle	otide)		
	(xi)	SEQUENCE DESCRIPTION: SEQ ID N	10:63:		
ATTO	KWKV	ET GCCC			14
(2)	INFO	RMATION FOR SEQ ID NO:64:			
	(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 14 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear			
	(ii)	MOLECULE TYPE: DNA (oligonucle	eotide)	•	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID 1	NO:64:	÷	
ATT	GDHSM	GT GCCC		•	14
(2)	INFO	RMATION FOR SEQ ID NO:65:	•		
	(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 23 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear			
	(ii)	MOLECULE TYPE: DNA (oligonucle	eotide)		
			•		
	(xi)	SEQUENCE DESCRIPTION: SEQ ID	NO:65:		
TGG	CTACG	AG GAATCATCTG TTA			23
(2)	INFO	RMATION FOR SEQ ID NO:66:			
	(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 10 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear			
	(ii)	MOLECULE TYPE: DNA (oligonucl	eotide)		
•	(xi)	SEQUENCE DESCRIPTION: SEQ ID	NO:66:		

10

(2)	INFORMATION FOR SEQ ID NO:67:	•		
	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 10 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>		·	
	(ii) MOLECULE TYPE: DNA (oligonucleotide	)		
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:67:		•	
GCA	CCCCGAT			10
(2)	INFORMATION FOR SEQ ID NO:68:			
	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 10 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>			
	(ii) MOLECULE TYPE: DNA (oligonucleotide	· ·		•
GCC	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:68:			10
				10
(2)	INFORMATION FOR SEQ ID NO:69:	•		
	<ul><li>(i) SEQUENCE CHARACTERISTICS:</li><li>(A) LENGTH: 10 base pairs</li><li>(B) TYPE: nucleic acid</li><li>(C) STRANDEDNESS: single</li><li>(D) TOPOLOGY: linear</li></ul>			
	(ii) MOLECULE TYPE: DNA (oligonucleotide	<u>:</u> )		
				-
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:69	:		
GCG	CCCCGAT			10
(2)	INFORMATION FOR SEQ ID NO:70:		·	
	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 16 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>			
	(ii) MOLECULE TYPE: DNA (oligonucleotide	e)		
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:70	:		

AGI	CACCAGAT CTCTAA	16
(2)	INFORMATION FOR SEQ ID NO:71:	
	<ul><li>(i) SEQUENCE CHARACTERISTICS:</li><li>(A) LENGTH: 12 base pairs</li><li>(B) TYPE: nucleic acid</li><li>(C) STRANDEDNESS: single</li><li>(D) TOPOLOGY: linear</li></ul>	
	(ii) MOLECULE TYPE: DNA (oligonucleotide)	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:71:	
CAT	rggncaga ga	12
(2)	INFORMATION FOR SEQ ID NO:72:	
	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 28 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
	(ii) MOLECULE TYPE: DNA (oligonucleotide)	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:72:	
TCI	CCTTGGA TATACTTGTG TGAATCAA	28
(2)	INFORMATION FOR SEQ ID NO:73:	
	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 26 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	·
	(ii) MOLECULE TYPE: DNA (oligonucleotide)	•
٠	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:73:	
TCA	ACCAGATT TCGTAGTCTT TTCATA	26
(2)	INFORMATION FOR SEQ ID NO:74:	
	<ul><li>(i) SEQUENCE CHARACTERISTICS:</li><li>(A) LENGTH: 26 base pairs</li><li>(B) TYPE: nucleic acid</li><li>(C) STRANDEDNESS: single</li><li>(D) TOPOLOGY: linear</li></ul>	
	(ii) MOIECULE TYPE, DNA (oligopusleotide)	

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:74:	
GTCTTGTGTT GAAATTCTCA GGGTAT	26
(2) INFORMATION FOR SEQ ID NO:75:	
<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 23 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
(ii) MOLECULE TYPE: DNA (oligonucleotide)	•
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:75:	
CTTGTACCAG CTCACTACCT AAT	23
(2) INFORMATION FOR SEQ ID NO:76:	
<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 27 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
(ii) MOLECULE TYPE: DNA (oligonucleotide)	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:76:	
ACCTGAGAAG ATAGTAAGCT AGATGAA	27
(2) INFORMATION FOR SEQ ID NO:77:	
(i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 22 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	
<ul><li>(A) LENGTH: 22 base pairs</li><li>(B) TYPE: nucleic acid</li><li>(C) STRANDEDNESS: single</li></ul>	
<ul><li>(A) LENGTH: 22 base pairs</li><li>(B) TYPE: nucleic acid</li><li>(C) STRANDEDNESS: single</li><li>(D) TOPOLOGY: linear</li></ul>	
(A) LENGTH: 22 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear (ii) MOLECULE TYPE: DNA (oligonucleotide)	22
<ul> <li>(A) LENGTH: 22 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> <li>(ii) MOLECULE TYPE: DNA (oligonucleotide)</li> <li>(xi) SEQUENCE DESCRIPTION: SEQ ID NO:77:</li> </ul>	22
(A) LENGTH: 22 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear  (ii) MOLECULE TYPE: DNA (oligonucleotide)  (xi) SEQUENCE DESCRIPTION: SEQ ID NO:77:  AACTCCGCCT TTCCAGTTGT AT	22

		(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:78:		
7	TAC	TTTC'	TA GGGGTGGAAG ATACA	•	25
	(2)	INFO	RMATION FOR SEQ ID NO:79:		
		(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 28 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear		
		(ii)	MOLECULE TYPE: DNA (oligonucleotide)		
		(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:79:		
•	TTA	ATGAC	AC TGAAGATCAC TGTTCTAT		28
			RMATION FOR SEQ ID NO:80:		•
		(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 25 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear		
		(ii)	MOLECULE TYPE: DNA (oligonucleotide)		
		(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:80:		
(	GCA	CATTT	TT GCAAAGTTCA TTAGA		25
	(2)	INFO	RMATION FOR SEQ ID NO:81:		
		(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 22 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear		· · ·
		(ii)	MOLECULE TYPE: DNA (oligonucleotide)		
		(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:81:		
1	ייר אי		CA TGTGCTTTTC AA		22
					42
	(2)		RMATION FOR SEQ ID NO:82:		
		(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 24 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear		
		1221	MOI BOTT E MYDE DAY (alicental actida)		

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:82:	
ACCTTCCAGC ACTACAAACT AGAA	24
(2) INFORMATION FOR SEQ ID NO:83:	
<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 23 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
(ii) MOLECULE TYPE: DNA (oligonucleotide)	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:83:	
CAAGTGAATC CTGAGCGTGA TTT	23
(2) INFORMATION FOR SEQ ID NO:84:	
<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 26 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	•
(ii) MOLECULE TYPE: DNA (oligonucleotide)	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:84:	
GGTAGTGTGA AGGGTTCATA TGCATA	26
(2) INFORMATION FOR SEQ ID NO:85:	
<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 28 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
(ii) MOLECULE TYPE: DNA (oligonucleotide)	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:85:	
GATTACATTA GAAGGAAGAT GTGCCTTT	28
(2) INFORMATION FOR SEQ ID NO:86:	
<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 28 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	

	(11) Moddeodd 1122. DNA (Oligonacieotiae)	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:86:	
ACA:	SAATGA CATTTACAGC AAATGCTT	28
(2)	INFORMATION FOR SEQ ID NO:87:	
	(i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 27 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	
	(ii) MOLECULE TYPE: DNA (oligonucleotide)	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:87:	
GTG	CCATAT TGTAATGCAT GTAGTGA	27
(2)	INFORMATION FOR SEQ ID NO:88:	
	(i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 27 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	
	(ii) MOLECULE TYPE: DNA (oligonucleotide)	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:88:	
ATG	TGAACA TATTTCTCAA GAGGTAA	. 27
(2)	INFORMATION FOR SEQ ID NO:89:	•
	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 25 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	:
	(ii) MOLECULE TYPE: DNA (oligonucleotide)	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:89:	
TGT	CTGTA AACTGATGGC TAACA	25
(2)	INFORMATION FOR SEQ ID NO:90:	
	(i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 26 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single	

	26
•	
• .	
	28
·	
•	26
•	•.
	24

(B) TYPE: nucleic acid(C) STRANDEDNESS: single(D) TOPOLOGY: linear

(ii)	MOLECULE TYPE: DNA (oligonucleotide	)	
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:94:		
	TA AAGTTAATGA GTTCAT	·	26·
	RMATION FOR SEQ ID NO:95:	· · · · · · · · · · · · · · · · · · ·	
•	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 27 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear		
(ii)	MOLECULE TYPE: DNA (oligonucleotide		
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:95:		
AATTGTGA	AA TTGTCTGCCA TTCTTAA		27
(2) INFO	RMATION FOR SEQ ID NO:96:	`	
(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 28 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear		
(ii)	MOLECULE TYPE: DNA (oligonucleotide	·	
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:96:	:	
GATTCACT	TA CTGAACACAG TCTAACAA		28
(2) INFO	RMATION FOR SEQ ID NO:97:		
(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 21 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear		
(ii)	MOLECULE TYPE: DNA (oligonucleotide	e)	
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:97	:	
AGGCTTCT	CA GTGATCTGTT G		21
(2) INFO	DRMATION FOR SEQ ID NO:98:		

GGGACTCCAA ATATTGCTGT AGTAT

	(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 23 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear				
(	ii)	MOLECULE TYPE: DNA (oligonucleotide)				
			-			
(	xi)	SEQUENCE DESCRIPTION: SEQ ID NO:98:	•			
GAATC	ATT	CA GTGGGTATAA GCA				23
(2) I	NFO	RMATION FOR SEQ ID NO:99:	•			
	(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 25 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	·	,		
(	ii)	MOLECULE TYPE: DNA (oligonucleotide)				
•						•
(	xi)	SEQUENCE DESCRIPTION: SEQ ID NO:99:	· · · · ·		•	
GCCAT	GGT	AC CTATATGTCA CAGAA		٠,		25
·(2) I	NFO	RMATION FOR SEQ ID NO:100:				
	(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 29 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear				
,(	ii)	MOLECULE TYPE: DNA (oligonucleotide)				
.(	xi)	SEQUENCE DESCRIPTION: SEQ ID NO:100:	-			
TGCAG	AGT.	AA TATGAATTTC TTGAGTACA				29
(2) I	NFO	RMATION FOR SEQ ID NO:101:				
	(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 25 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear				
	(ii)	MOLECULE TYPE: DNA (oligonucleotide)				
(	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:101:				

(2)	INFORMATION FOR SEQ ID NO:102:	
	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 23 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
	(ii) MOLECULE TYPE: DNA (oligonucleotide)	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:102	•
GTA	CCTGTTG CTCCAGGTAT GTT	23
	INFORMATION FOR SEQ ID NO:103:	23
	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 15 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
	(ii) MOLECULE TYPE: DNA (oligonucleotide)	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:103	
	ATANTAG AAACC	15
(2)	INFORMATION FOR SEQ ID NO:104:	-
	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 15 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
	(ii) MOLECULE TYPE: DNA (oligonucleotide)	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:104	:
TTA	TAGNAGA AACCA	15
(2)	INFORMATION FOR SEQ ID NO:105:	
	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 15 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
	(ii) MOLECULE TYPE: DNA (oligonucleotide)	)
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:105	<b>:</b>

TATAGTNGAA ACCAC			15
(2) INFORMATION FOR SE	EQ ID NO:106:	•	
(B) TYPE: nu	15 base pairs ucleic acid DNESS: single		
(ii) MOLECULE TYPE	E: DNA (oligonucleotide	)	
(xi) SEQUENCE DESC	CRIPTION: SEQ ID NO:106	:	
ATAGTANAAA CCACA			15
(2) INFORMATION FOR SE	EQ ID NO:107:	*	
(B) TYPE: nu	15 base pairs ucleic acid DNESS: single		
(ii) MOLECULE TYPE	E: DNA (oligonucleotide	<b>)</b>	
(xi) SEQUENCE DESC	CRIPTION: SEQ ID NO:107	:	
TAGTAGNAAC CACAA	,		15
(2) INFORMATION FOR SE	EQ ID NO:108:	•	
(B) TYPE: nu	15 base pairs ucleic acid DNESS: single		
(ii) MOLECULE TYPE	E: DNA (oligonucleotide	)	
(xi) SEQUENCE DESC	CRIPTION: SEQ ID NO:108	:	
AGTAGANACC ACAAA			15
(2) INFORMATION FOR SE	EQ ID NO:109:		
(B) TYPE: nu	15 base pairs ucleic acid DNESS: single		

(ii) MOLECULE TYPE: DNA (oligonucleotide)

TATAGTNGAA ACCAC

	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:109:		
GTA	GAANC	CA CAAAG		15
(2)	INFO	RMATION FOR SEQ ID NO:110:		
	(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 15 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear		÷
	(ii)	MOLECULE TYPE: DNA (oligonucleotide)	•	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:110:		
TAG	AAANC	AC AAAGG		15
(2)	INFO	RMATION FOR SEQ ID NO:111:		
	(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 15 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear		
	(ii)	MOLECULE TYPE: DNA (oligonucleotide)		
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:111:	• .	
AGA	AACNA	CA AAGAA		15
(2)	INFO	RMATION FOR SEQ ID NO:112:		
	(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 39 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear		
	(ii)	MOLECULE TYPE: DNA (oligonucleotide)	•	
		SEQUENCE DESCRIPTION: SEQ ID NO:112:		
CAT'	TAAAG	AA AATATCATCT TTGGTGTTTC CTATGATGA		39
(2)	INFO	RMATION FOR SEQ ID NO:113:		
	(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 36 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear		
	(ii)	MOLECULE TYPE: DNA (oligonucleotide)		

(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:113:		
CATTAAAG	AA AATATCATTG GTGTTTCCTA TGATGA		36
(2) INFO	RMATION FOR SEQ ID NO:114:		
(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 15 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear		
(ii)	MOLECULE TYPE: DNA (oligonucleotide)		
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:114:		
AACACCAA	TG ATGAT		15
(2) INFO	RMATION FOR SEQ ID NO:115:		
(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 21 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear		
(ii)	MOLECULE TYPE: DNA (oligonucleotide)		
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:115:	· · · · · · · · · · · · · · · · · · ·	
CCTTCAGA	GG GTAAAATTAA G		21
(2) INFO	RMATION FOR SEQ ID NO:116:		
(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 21 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear		
(ii)	MOLECULE TYPE: DNA (oligonucleotide)		
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:116:		
CCTTCAGA	GT GTAAAATTAA G		21
(2) INFO	ORMATION FOR SEQ ID NO:117:		
(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 44 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear		٠
(22)	MOLEGIE EURE DIE (maimon)	•	

	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:117:	
TAZ	ATACGA	CT CACTATAGGG AGATGACCTA ATAATGATGG GTT	T 44
(2)	INFO	RMATION FOR SEQ ID NO:118:	
	(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 43 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	
	(ii)	MOLECULE TYPE: DNA (primer)	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:118:	
TAZ	ATACGA	CT CACTATAGGG AGTAGTGTGA AGGGTTCATA TGC	43
(2)	INFO	RMATION FOR SEQ ID NO:119:	
	(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 45 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(ii)	MOLECULE TYPE: DNA (primer)	•
	(/	, , , , , , , , , , , , , , , , , , ,	
	(vi)	SEQUENCE DESCRIPTION: SEQ ID NO:119:	
CTL		TA ACCCTCACTA AAGGTAGTGT GAAGGGTTCA TAT	GC 45
			GC 45
(2)		ORMATION FOR SEQ ID NO:120:	
	(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 43 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	
	(ii)	MOLECULE TYPE: DNA (primer)	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:120:	
TA	ATACGA	ACT CACTATAGGG AGAGCATACT AAAAGTGACT CTC	43
(2)	INFO	ORMATION FOR SEQ ID NO:121:	
	(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 44 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	

(ii) M	MOLECULE TYPE: DNA (primer)	
( <b>xi</b> ) S	SEQUENCE DESCRIPTION: SEQ ID NO:121:	
	CACTATAGGG AGACATGAAT GACATTTACA GCAA	44
		44
,	MATION FOR SEQ ID NO:122:	
(i) S	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 44 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	
(ii) M	MOLECULE TYPE: DNA (primer)	
•		
(xi) s	SEQUENCE DESCRIPTION: SEQ ID NO:122:	
CGGAATTAAC	C CCTCACTAAA GGACATGAAT GACATTTACA GCAA	44
(2) INFORM	MATION FOR SEQ ID NO:123:	
(i) s	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 12 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	
(ii) M	MOLECULE TYPE: DNA (oligonucleotide)	
(xi) S	SEQUENCE DESCRIPTION: SEQ ID NO:123:	
TCGGATCGAC		12
	AATION FOR SEQ ID NO:124:	-2
•,		,
(1) 5	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 22 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	
(ii) M	MOLECULE TYPE: DNA (oligonucleotide)	
(xi) S	SEQUENCE DESCRIPTION: SEQ ID NO:124:	
CGGAATTAAC	C CCTCACTAAA GG	22
(2) INFORM	MATION FOR SEQ ID NO:125:	
(i) S	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 22 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single	

(D) TOPOLOGY: linear

	(ii) MOLECULE TYPE: DNA (oligonucleotide)	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:125:	
AATT	TAACCCT CACTAAAGGG AG	22
(2)	INFORMATION FOR SEQ ID NO:126:	
. •	(i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 22 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	
	(ii) MOLECULE TYPE: DNA (oligonucleotide)	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:126:	
<u> </u>		
TAAI	FACGACT CACTATAGGG AG	22
(2)	INFORMATION FOR SEQ ID NO:127:	•
	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 20 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
	(ii) MOLECULE TYPE: DNA (oligonucleotide)	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:127:	
,		
ATTI	IAGGTGA CACTATAGAA	20
(2)	INFORMATION FOR SEQ ID NO:128:	
	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 31 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
	(ii) MOLECULE TYPE: DNA (oligonucleotide)	
	(wi) CECUTINGE DESCRIPTION, CEO ID NO. 120	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:128:	
CTTT	TTTATTC TTTTGYAGAG AATGGGATAG A	31
(2)	INFORMATION FOR SEQ ID NO:129:	
	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 29 base pairs	

(B) TYPE: nucleic acid(C) STRANDEDNESS: single(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA (oligonucleotide)

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:129:		
TAATGCCCTT CGGCRATGTT TTTTCTGGA		29
(2) INFORMATION FOR SEQ ID NO:130:		
<ul><li>(i) SEQUENCE CHARACTERISTICS:</li><li>(A) LENGTH: 33 base pairs</li><li>(B) TYPE: nucleic acid</li><li>(C) STRANDEDNESS: single</li><li>(D) TOPOLOGY: linear</li></ul>		
(ii) MOLECULE TYPE: DNA (oligonucleotide)	en e	٠.
		•
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:130:		:
ATTCTTTTGC AGAGATGGGA TAGAGAGCTG GCT		33
(2) INFORMATION FOR SEQ ID NO:131:		
<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 28 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>		
(ii) MOLECULE TYPE: DNA (oligonucleotide)		
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:131:		•
GAATGGGATA GAKAGCTGGC TTCAAAGA		28
(2) INFORMATION FOR SEQ ID NO:132:  (i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 30 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear		
(ii) MOLECULE TYPE: DNA (oligonucleotide)		
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:132: CTATGGAATC TTTTYATATT TAGGGGTAAG		30
(2) INFORMATION FOR SEQ ID NO:133:		

	(A) LENGTH: 30 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear			
(ii) MO	DLECULE TYPE: DNA (oligonucle	otide)		
(xi) SI	EQUENCE DESCRIPTION: SEQ ID N	O:133:		
	TGRAATCTTT TTATATTTAG			. 30
•				30
	ATION FOR SEQ ID NO:134:			1
	EQUENCE CHARACTERISTICS: (A) LENGTH: 30 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear			
(ii) M	DLECULE TYPE: DNA (oligonucle	otide)		•
·		•		
(xi) SI	EQUENCE DESCRIPTION: SEQ ID N	0:134:	•	,
AACAAGGAGG	AACRCTCTAT CGCGATTTAT			30
(2) INFORM	ATION FOR SEQ ID NO:135:			
	EQUENCE CHARACTERISTICS: (A) LENGTH: 30 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear			
(ii) M	OLECULE TYPE: DNA (oligonucle	otiđe)		
(xi) Si	EQUENCE DESCRIPTION: SEQ ID N	Ю:135:		
AACAAGGAGG	AAYGCTCTAT CGCGATTTAT			30
(2) INFORM	ATION FOR SEQ ID NO:136:			
	EQUENCE CHARACTERISTICS: (A) LENGTH: 30 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear			
(ii) Me	OLECULE TYPE: DNA (oligonucle	otide)		
(xi) S	EQUENCE DESCRIPTION: SEQ ID N	IO:136:		

(2) INFO	RMATION FOR SEQ ID NO:137:		
(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 30 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear		
(ii)	MOLECULE TYPE: DNA (oligonucleotide)		
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:137:		
GGCCTTCA	TC ACAYTGGAAT GCAGATGAGA	·	30
(2) INFO	RMATION FOR SEQ ID NO:138:		
(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 30 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear		٠.
(ii)	MOLECULE TYPE: DNA (oligonucleotide)		
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:138:		
GATTTATA	AG AAGKTAATAC TTCCTTGCAC		30
(2) INFO	RMATION FOR SEQ ID NO:139:		
(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 30 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear		
(ii)	MOLECULE TYPE: DNA (oligonucleotide)		
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:139:	· .	
CAAATTTG	AT GAAKTATGTA CCTATTGATT		30
(2) INFO	RMATION FOR SEQ ID NO:140:	·	
(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 30 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear		
(ii)	MOLECULE TYPE: DNA (oligonucleotide)		
(xi)	SEQUENCE DESCRIPTION: SEO ID NO:140:		

TGGA	TCGC	IC CTTKGCAAGT GGCACTCCTC		30
(2)	INFO	RMATION FOR SEQ ID NO:141:		
	(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 33 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear		
	(i <u>i</u> )	MOLECULE TYPE: DNA (oligonucleotide)		
			•	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:141:		
AATC	ATCC	TC CGGAAAGATA TTCACCACCA TCT	· . ·	33
(2)	INFO	RMATION FOR SEQ ID NO:142:		
	(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 31 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear		•
	(ii)	MOLECULE TYPE: DNA (oligonucleotide)		
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:142:		
TATT	CACC	AC CATCTCTCAT TCTGCATTGT T		31
(2)	INFO	RMATION FOR SEQ ID NO:143:	·	
	(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 32 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear		
	(ii)	MOLECULE TYPE: DNA (oligonucleotide)		
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:143:		
CCAC	CATC	TC ATTCTGATTG TTCTGCGCAT GG	·	32
(2)	INFO	RMATION FOR SEQ ID NO:144:		
	(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 30 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear		
	(ii)	MOLECULE TYPE: DNA (oligonucleotide)		

(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:144:				
AAGGAATC	AT CCTCYGGAAA ATATTCATTA				30
(2) INFO	RMATION FOR SEQ ID NO:145:				
(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 30 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear				
(ii)	MOLECULE TYPE: DNA (oligonucleotide)			•	
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:145:		•		
CTGCATTG	TT CTGCRCATGG CGGTCACTCG				30
(2) INFO	RMATION FOR SEQ ID NO:146:				
(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 30 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear				•
(ii)	MOLECULE TYPE: DNA (oligonucleotide)	· · · · · · · · · · · · · · · · · · ·			
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:146:				
CTGCATTG	TT CTGCKCATGG CGGTCACTCG	. •		q.	30
(2) INFO	RMATION FOR SEQ ID NO:147:				
(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 30 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear				
(ii)	MOLECULE TYPE: DNA (oligonucleotide)	· .**			•
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:147:				
CTGCATTG	TT CTGCSCATGG CGGTCACTCG				30
(2) INFO	RMATION FOR SEQ ID NO:148:				
( <u>i</u> )	SEQUENCE CHARACTERISTICS: (A) LENGTH: 32 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear				
(ii)	MOLECULE TYPE: DNA (oligonucleotide)				

(xi	) SEQUENCE DESCRIPTION: SEQ ID NO:148:		
CTTCTTC	TCA GGGTTCTTGT GGTGTTTTTA TC		32
(2) INF	ORMATION FOR SEQ ID NO:149:	•	
(i	) SEQUENCE CHARACTERISTICS: (A) LENGTH: 29 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear		<i>;</i>
(ii	) MOLECULE TYPE: DNA (oligonucleotide)		
(xi	) SEQUENCE DESCRIPTION: SEQ ID NO:149:		•
AAACAAA	ATA CAGRTAATGT ACCATAATG		29
(2) INF	ORMATION FOR SEQ ID NO:150:		
(i	) SEQUENCE CHARACTERISTICS: (A) LENGTH: 29 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear		
(ii	) MOLECULE TYPE: DNA (oligonucleotide)		
(xi	) SEQUENCE DESCRIPTION: SEQ ID NO:150:		
AGGACAG	TTG TTGGMGGTTG CTGGATCCA		29
(2) INF	ORMATION FOR SEQ ID NO:151:		
(i	) SEQUENCE CHARACTERISTICS: (A) LENGTH: 29 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear		
(ii	) MOLECULE TYPE: DNA (oligonucleotide)		
(xi	) SEQUENCE DESCRIPTION: SEQ ID NO:151:		
GGAGCCT	TCA GAGKGTAAAA TTAAGCACA		29
(2) INF	ORMATION FOR SEQ ID NO:152:		
(i	(A) LENGTH: 29 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear		
/::	\ MOLECHIE TYPE, DNA (oligonyalootido)	•	

	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:152:	
TC	TCTGTT CTYAGTTTTC CTGGATTAT	29
(2	INFORMATION FOR SEQ ID NO:153:	
	(i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 31 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	
	(ii) MOLECULE TYPE: DNA (oligonucleotide)	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:153:	
ΓA	AAGAAA ATATCTTTGG TGTTTCCTAT G	31
(2	INFORMATION FOR SEQ ID NO:154:	
	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 30 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	٠.,
	(ii) MOLECULE TYPE: DNA (oligonucleotide)	
		٠
•	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:154:	
TA	GAAAAT ATCATCTKTG GTGTTTCCTA	30
(2	INFORMATION FOR SEQ ID NO:155:	
	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 31 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
	(ii) MOLECULE TYPE: DNA (oligonucleotide)	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:155:	
ΓA	AAGAAA ATATCATTGG TGTTTCCTAT G	31
(2	INFORMATION FOR SEQ ID NO:156:	
	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 29 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	

(ii)	MOLECULE TYPE: DNA (oligonucleotide)	
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:156:	
TAGATACA	GA AGCKTCATCA AAGCATGCC	29
(2) INFO	RMATION FOR SEQ ID NO:157:	
	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 30 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(ii)	MOLECULE TYPE: DNA (oligonucleotide)	
•		
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:157:	
TATTTTTG	GT AATARGACAT CTCCAAGTTT	30
(2) INFO	RMATION FOR SEQ ID NO:158:	-
(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 28 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(ii)	MOLECULE TYPE: DNA (oligonucleotide)	
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:158:	
ACAATATA	GT TCTTKGAGAA GGTGGAAT	28
(2) INFO	RMATION FOR SEQ ID NO:159:	
(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 30 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(ii)	MOLECULE TYPE: DNA (oligonucleotide)	
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:159:	
AGGTGGAA	ATC ACACTGARTG GAGGTCAACG	3 (
(2) INFO	RMATION FOR SEQ ID NO:160:	
(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 30 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single	

	(D) TOPOLOGY: Timear	•	
(ii)	MOLECULE TYPE: DNA (oligonucleotide)		
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:160:		
AGGTGGAA	TC ACACTGAKTG GAGGTCAACG		30
(2) INFO	RMATION FOR SEQ ID NO:161:		
(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 30 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear		
(ii)	MOLECULE TYPE: DNA (oligonucleotide)		
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:161:		
AGGTGGAA	TC ACACTGMGTG GAGGTCAACG		. 30
(2) INFO	RMATION FOR SEQ ID NO:162:		
(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 30 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear		
(ii)	MOLECULE TYPE: DNA (oligonucleotide)		
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:162:		
AGGTGGAA	TC ACACTGAGKG GAGGTCAACG		30
(2) INFO	RMATION FOR SEQ ID NO:163:		
(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 30 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear		
(ii)	MOLECULE TYPE: DNA (oligonucleotide)		
	SEQUENCE DESCRIPTION: SEQ ID NO:163:		30
			30
	RMATION FOR SEQ ID NO:164:		
(i)	SEQUENCE CHARACTERISTICS:		

	•	
<ul><li>(B) TYPE: nucleic acid</li><li>(C) STRANDEDNESS: single</li><li>(D) TOPOLOGY: linear</li></ul>		
(ii) MOLECULE TYPE: DNA (oligonucleotide)		
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:164:		
ATCACACTGA GTGGARGTCA ACGAGCAAGA		30
(2) INFORMATION FOR SEQ ID NO:165:		
<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 30 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>		
(ii) MOLECULE TYPE: DNA (oligonucleotide)		
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:165:		
ACACTGAGTG GAGGTYAACG AGCAAGAATT		30
(2) INFORMATION FOR SEQ ID NO:166:		
<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 29 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>		
(ii) MOLECULE TYPE: DNA (oligonucleotide)		
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:166:		•
TGAGTGGAGG TCAACRAGCA AGAATTTCT		29
(2) INFORMATION FOR SEQ ID NO:167:		2,
<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 31 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>		
(ii) MOLECULE TYPE: DNA (oligonucleotide)		
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:167:		
TGAGTGGAGG TCAAYGAGCA AGAATTTCTT T		31
(2) INFORMATION FOR SEQ ID NO:168:		

(i)	(A) (B) (C)	LENGTH: 2 TYPE: nuc	ESS: single	`s					
(ii)	) MOLE	CULE TYPE:	DNA (oligo	nucleotide)			٠		
(xi)	) SEQU	ENCE DESCR	IPTION: SEC	ID NO:168:					
GCAAGAA'	TTT CT	TTARCAAG G	TGAATAAC						29
(2) INF	ORMATI	ON FOR SEQ	ID NO:169:						
(i)	(A) (B) (C)	LENGTH: 2 TYPE: nuc	ESS: single	:s					
(ii)	) MOLE	CULE TYPE:	DNA (oligo	nucleotide)					
	-	•		•				• .	
(xi	) SEQU	JENCE DESCR	IPTION: SEC	ID NO:169:		•			٠.
AATTTCT'	TTA GC	CAASGTGAA T	AACTAA						27
(2) INF	ORMATI	ON FOR SEQ	ID NO:170:					i	
(i	(A) (B) (C)	LENGTH: 2 TYPE: nuc	ESS: single	:s					
(ii	) MOLE	CULE TYPE:	DNA (oligo	onucleotide)					
				•					
(xi	) SEQU	JENCE DESCR	IPTION: SEC	ID NO:170:					
GAATTTC	TTT AG	CAARGTGA A	TAACTAA						28
(2) INF	ORMATI	ON FOR SEQ	ID NO:171:		•				
(i	(A) (B) (C)	LENGTH: 2 TYPE: nuc	ESS: single	:s					
(ii	) MOLE	ECULE TYPE:	DNA (oligo	onucleotide)					
(xi	) SEQU	JENCE DESCR	IPTION: SEQ	Q ID NO:171:					

GAAATATTTG AAAGRTATGT TCTTTGAAT

(2)	INFORMATION FOR SEQ ID NO:172:	
	(i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 30 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	
	(ii) MOLECULE TYPE: DNA (oligonucleotide)	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:172:	
AAC	CATGGG ATGTGWTTCT TTCGACCAAT	30
(2)	INFORMATION FOR SEQ ID NO:173:	•
	(i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 32 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	
	(ii) MOLECULE TYPE: DNA (oligonucleotide)	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:173:	
GAC	AGAAACA AAAAACAATC TTTTAAACAG AC	32
(2)	INFORMATION FOR SEQ ID NO:174:	
	(i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 34 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	·
	(ii) MOLECULE TYPE: DNA (oligonucleotide)	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:174:	
GAC	AGAAACA AAAAAAACAA TCTTTTAAAC AGAC	34
(2)	INFORMATION FOR SEQ ID NO:175:	
	(i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 30 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	
	(ii) MOLECULE TYPE: DNA (oligonucleotide)	

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:175:

CTCCTTGGAA AGTGARTATT CCATGTCCTA

30

(ii) MOLECULE TYPE: DNA (oligonucleotide)

	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:179:		
	TTACTTTG	AA ACTCYGTTCC ACAAAGCTC		29
	(2) INFO	RMATION FOR SEQ ID NO:180:		
•	(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 31 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear		
	(ii)	MOLECULE TYPE: DNA (oligonucleotide)		
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:180:		
	CCAACTGG	TT CTTGTAMCTG TCAACACTGC G		31
	(2) INFO	RMATION FOR SEQ ID NO:181:		
	(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 31 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear		
	(ii)	MOLECULE TYPE: DNA (oligonucleotide)		
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:181:		
	TGCGCTGG	TT CCAAAWGAGA ATAGAAATGA T		31
	(2) INFO	RMATION FOR SEQ ID NO:182:		
	(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 30 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear		
	(ii)	MOLECULE TYPE: DNA (oligonucleotide)		
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:182:	:	
	ATGCGATC	TG TGAGCYGAGT CTTTAAGTTC		30
	(2) INFO	RMATION FOR SEQ ID NO:183:		
-	(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 32 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear		
	(ii)	MOLECULE TYPE: DNA (oligonucleotide)		

		(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:183:			
	AAGG'	TAAAC	CC TACAAGTCAA CCAAACCATA CA			32
	(2)	INFOR	RMATION FOR SEQ ID NO:184:			
		(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 29 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear			·
	,	(ii)	MOLECULE TYPE: DNA (oligonucleotide)			
		(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:184:			•
٠.	TCCT	GGCCI	AG AGGGTGRGAT TTGAACACT			29
	(2)	INFO	RMATION FOR SEQ ID NO:185:		•	
		(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 20 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear			•
		(ii)	MOLECULE TYPE: DNA (oligonucleotide)			
		(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:185:			•
	ATAA	AATG	gy gagtaagaca		• .	20
	(2)	INFO	RMATION FOR SEQ ID NO:186:			
		(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 31 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear			
		(ii)	MOLECULE TYPE: DNA (oligonucleotide)	·		
		(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:186:			
	AATA	ACTT'	IG CAACAGYGGA GGAAAGCCTT T			31
	(2)	INFO	RMATION FOR SEQ ID NO:187:			
		(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 31 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear			
		(ii)	MOLECULE TYPE: DNA (oligonucleotide)	-		

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:187:	
AATAACTTTG CAACAGTGRA GGAAAGCCTT T	31
(2) INFORMATION FOR SEQ ID NO:188:	
<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 34 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
(ii) MOLECULE TYPE: DNA (oligonucleotide)	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:188:	
CTTTGTTATC AGCTTTTTTG AGACTACTGA ACAC	34
(2) INFORMATION FOR SEQ ID NO:189:	
(i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 29 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	
(ii) MOLECULE TYPE: DNA (oligonucleotide)	•
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:189:	
AGTGATACCA CAGRTGAGCA AAAGGACTT	29
(2) INFORMATION FOR SEQ ID NO:190:	
(i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 30 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	
(ii) MOLECULE TYPE: DNA (oligonucleotide)	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:190:	
CATTTAGAAA AAASTTGGAT CCCTATGAAC	30
(2) INFORMATION FOR SEQ ID NO:191:	
(i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 30 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	

	(11)	MOLECULE TYPE: DNA (oligonucleotide)	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:191:	
CATT	TAGA	AA AMACTTGGAT CCCTATGAAC	30
(2)	INFO	RMATION FOR SEQ ID NO:192:	
		SEQUENCE CHARACTERISTICS:  (A) LENGTH: 16 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
:	(ii)	MOLECULE TYPE: DNA (oligonucleotide)	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:192:	
ACTO	TTAG	CT AATTGG	16
(2)	INFO	RMATION FOR SEQ ID NO:193:	
•	(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 16 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	
	(ii)	MOLECULE TYPE: DNA (oligonucleotide)	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:193:	
GGGG	CAATC	GA GGGGGG	16
(2)	INFO	RMATION FOR SEQ ID NO:194:	
	(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 26 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	
	(ii)	MOLECULE TYPE: DNA (oligonucleotide)	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:194:	
AAA	GAAAA	AA GACAGTACTA AATGGA	26
(2)	INFO	RMATION FOR SEQ ID NO:195:	
		SEQUENCE CHARACTERISTICS:  (A) LENGTH: 13 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single	

(D) TOPOLOGY: linear

(ii)	) MOLECULE TYPE: DNA (probe)	
(xi)	.) SEQUENCE DESCRIPTION: SEQ ID NO:195:	
TACTGTAT	ATTT TTT	13
(2) INFO	FORMATION FOR SEQ ID NO:196:	
	(A) LENGTH: 13 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(ii)	.) MOLECULE TYPE: DNA (probe)	
. 'r.		
	.) SEQUENCE DESCRIPTION: SEQ ID NO:196:	. ,
TACTGTCT		13
	FORMATION FOR SEQ ID NO:197:	
(i)	L) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 13 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	
(ii)	) MOLECULE TYPE: DNA (probe)	
(xi)	L) SEQUENCE DESCRIPTION: SEQ ID NO:197:	
TACTGTGT	FTTT TTT	13
(2) INFO	FORMATION FOR SEQ ID NO:198:	
(i)	i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 13 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(ii)	i) MOLECULE TYPE: DNA (probe)	
(xi)	i) SEQUENCE DESCRIPTION: SEQ ID NO:198:	
TACTGTT	TTTT TTT	13
(2) INFO	FORMATION FOR SEQ ID NO:199:	
(i)	i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 13 base pairs	

	<ul><li>(B) TYPE: nucleic acid</li><li>(C) STRANDEDNESS: single</li><li>(D) TOPOLOGY: linear</li></ul>	
	(ii) MOLECULE TYPE: DNA (probe)	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:199:	
GTA	CTGACTT TTT	13
(2)	INFORMATION FOR SEQ ID NO:200:	
	(i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 13 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	
	(ii) MOLECULE TYPE: DNA (probe)	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:200:	
GTA	CTGCCTT TTT	13
(2)	INFORMATION FOR SEQ ID NO:201:	
	(i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 13 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	
	(ii) MOLECULE TYPE: DNA (probe)	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:201:	
GTA	CTGGCTT TTT	13
(2)	INFORMATION FOR SEQ ID NO:202:	
	(i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 13 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	
	(ii) MOLECULE TYPE: DNA (probe)	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:202:	
GTA	CTGTCTT TTT	13
(2)	INFORMATION FOR SEQ ID NO:203:	

	(A) LENGTH: 13 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear			
(ii)	MOLECULE TYPE: DNA (probe)			
(xi)	SEQUENCE DESCRIPTION: SEQ	ID NO:203:		
AGTACTAT	CT TTT			13
(2) INFO	RMATION FOR SEQ ID NO:204:			
(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 13 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear			
(ii) <sub>.</sub>	MOLECULE TYPE: DNA (probe)			
(xi)	SEQUENCE DESCRIPTION: SEQ	ID NO:204:		·
AGTACTCT	CT TTT		·	13
(2) INFO	RMATION FOR SEQ ID NO:205:			
(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 13 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	• *		
(ii)	MOLECULE TYPE: DNA (probe)			
(xi)	SEQUENCE DESCRIPTION: SEQ	ID NO:205:		,
AGTACTGT	CT TTT			13
(2) INFO	RMATION FOR SEQ ID NO:206:			
(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 13 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear			
(ii)	MOLECULE TYPE: DNA (probe)			
(xi)	SEQUENCE DESCRIPTION: SEQ	ID NO:206:		

(2)	INFORM	ATION FOR SEQ ID NO:207:			
		EQUENCE CHARACTERISTICS:  (A) LENGTH: 11 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear			
	(ii) M	OLECULE TYPE: DNA (oligonucleotide)			
	(xi) S	EQUENCE DESCRIPTION: SEQ ID NO:207:			
GGGì	CCCTTA	A		•	11
(2)	INFORM	ATION FOR SEQ ID NO:208:			. •
	•	EQUENCE CHARACTERISTICS:  (A) LENGTH: 16 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear			
	(ii) M	OLECULE TYPE: DNA (oligonucleotide)			
	(xi) S	EQUENCE DESCRIPTION: SEQ ID NO:208:			
TAAI	GTAAGA	CATAAC			16
(2)	INFORM	ATION FOR SEQ ID NO:209:	•		
		EQUENCE CHARACTERISTICS: (A) LENGTH: 16 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear			
	(ii) M	OLECULE TYPE: DNA (oligonucleotide)			
	(xi) S	EQUENCE DESCRIPTION: SEQ ID NO:209:		·	
GGC.	GACGTC	AGCAAT			16
(2)	INFORM	ATION FOR SEQ ID NO:210:			
		EQUENCE CHARACTERISTICS:  (A) LENGTH: 15 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear			
	(ii) M	OLECULE TYPE: DNA (probe)			
	(xi) S	EOUENCE DESCRIPTION: SEO ID NO:210:			

TTG	J'I'GAC.	AT CAG	CC .								15
(2)	INFO	RMATIO	N FOR SEQ	ID NO	:211:						
	(i)	(A) (B) (C)	NCE CHARA LENGTH: 1 TYPE: nuc STRANDEDN TOPOLOGY:	5 base leic a ESS: s	pairs cid ingle					•	
	(ii)	MOLEC	ULE TYPE:	DNA (	probe)						
	٠										
	(xi)	SEQUE	NCE DESCR	IPTION	: SEQ I	D NO:211:			,		
TTG	CTGAC	CT CAG	ICC								15
(2)	INFO	RMATIO	N FOR SEQ	ID NO	:212:				÷	·	
	(i)	(A) (B) (C)	NCE CHARA LENGTH: 1 TYPE: nuc STRANDEDN TOPOLOGY:	5 base leic a ESS: s	pairs cid ingle						
	(ii)	MOLEC	TULE TYPE:	DNA (	probe)			•			
	(xi)	SEQUE	NCE DESCR	IPTION	: SEQ I	D NO:212:					
TTG	CTGAC	GT CAG	CC				•	•			15
(2)	INFO	RMATIC	N FOR SEQ	ID NO	:213:						
	(i)	(A) (B) (C)	ENCE CHARA LENGTH: 1 TYPE: nuc STRANDEDN TOPOLOGY:	5 base leic a ESS: s	pairs cid ingle						
	(ii)	MOLEC	CULE TYPE:	DNA (	probe)				·		
	(xi)	SEQUE	ENCE DESCR	.IPTION	: SEQ I	D NO:213:					
TTG	CTGAC	TT CAG	SCC								15
(2)	INFO	RMATIC	ON FOR SEQ	ID NO	:214:						
	(i)	(A) (B) (C)	ENCE CHARA LENGTH: 1 TYPE: nuc STRANDEDN TOPOLOGY:	2 base leic a ESS: s	pairs cid ingle						

(ii) MOLECULE TYPE: DNA (oligonucleotide)

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:214:		
ATTCCCGGGA TC		12
(2) INFORMATION FOR SEQ ID NO:215:		
<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 14 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>		·
(ii) MOLECULE TYPE: DNA (oligonucleotide)	·	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:215:		
AGGTCAACGA GCAA		14
(2) INFORMATION FOR SEQ ID NO:216:		
<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 14 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>		
(ii) MOLECULE TYPE: DNA (oligonucleotide)		
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:216:		
AGGTCAATGA GCAA		14
(2) INFORMATION FOR SEQ ID NO:217:		
<ul><li>(i) SEQUENCE CHARACTERISTICS:</li><li>(A) LENGTH: 35 base pairs</li><li>(B) TYPE: nucleic acid</li><li>(C) STRANDEDNESS: single</li><li>(D) TOPOLOGY: linear</li></ul>		
(ii) MOLECULE TYPE: DNA (probe)		
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:217:		
GTAATTTCTT TTATAGTAGA AACCACAAAG GATAC		35
(2) INFORMATION FOR SEQ ID NO:218:		
<ul><li>(i) SEQUENCE CHARACTERISTICS:</li><li>(A) LENGTH: 35 base pairs</li><li>(B) TYPE: nucleic acid</li><li>(C) STRANDEDNESS: single</li><li>(D) TOPOLOGY: linear</li></ul>		
(ii) MOLECULE TYPE: DNA (oligopusleotide)		

		(xi)	SEQUE	NCE DESCR	IPTION:	SEQ ID	NO:218:				
	CAT	TAAAG.	AA AAT	ATCATCT T	TGGTGTT	TC CTAT	3				35
	(2)	INFO	RMATIO	N FOR SEQ	ID NO:	219:					
		(i)	(A) (B) (C)	NCE CHARA LENGTH: 3 TYPE: nuc STRANDEDN TOPOLOGY:	2 base leic ac ESS: si	pairs id ngle					
		(ii)	MOLEC	ULE TYPE:	DNA (o	ligonuc	leotide)				
		(xi)	SEQUE	NCE DESCR	IPTION:	SEQ ID	NO:219:				
	CAT	<b>FAAA</b> G	AA AAT	ATCATTG G	TGTTTCC	TA TG				• •	32
	(2)	INFO	RMATIO	N FOR SEQ	ID NO:	220:			÷		
			(A) (B) (C)	NCE CHARA LENGTH: 1 TYPE: nuc STRANDEDN TOPOLOGY:	8 base leic ac ESS: si	pairs id ngle				•	•
		(ii)	MOLEC	ULE TYPE:	DNA (p	robe)	•	•	٠		 
							•				
		(xi)	SEQUE	NCE DESCR	IPTION:	SEQ ID	NO:220:	•			
	CAT	: FAAAG	AA AAT	ATCAT		• .	•				18
	(2)	INFO	RMATIO	N FOR SEQ	ID NO:	221:					
,		(i)	(A) (B) (C)	NCE CHARA LENGTH: 3 TYPE: nuc STRANDEDN TOPOLOGY:	5 base leic ac ESS: si	pairs id ngle					
		(ii)	MOLEC	ULE TYPE:	DNA (o	ligonuc	leotide)				
		(xi)	SEQUE	NCE DESCR	IPTION:	SEQ ID	NO:221:				
	TAT'	TAAAG	AA AAT	ATCATCT I	TGGTGTT	TC CTAT	c <sup>'</sup>				35
	(2)	INFO	RMATIC	N FOR SEC	ID NO:	222:					
		(i)	(Ã) (B) (C)	NCE CHARA LENGTH: 3 TYPE: nuc STRANDEDN TOPOLOGY:	5 base :leic ac IESS: si	pairs id .ngle					
		1::1	MOTEC	. שמעיי ש דו	DND /	. 1	7 <b>.</b>				

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:222:	
CCTTAAAGAA AATATCATCT TTGGTGTTTC CTAAA	35
(2) INFORMATION FOR SEQ ID NO:223:	
<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 35 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
(ii) MOLECULE TYPE: DNA (oligonucletide)	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:223:	
CTTTAAAGAA AATAAAAAAA TTGGTGTTTC CTAAA	35
(2) INFORMATION FOR SEQ ID NO:224:	
<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 20 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
<ul><li>(ii) MOLECULE TYPE: DNA (probe)</li><li>(xi) SEQUENCE DESCRIPTION: SEQ ID NO:224:</li></ul>	
GGAAGTCTCC CATTTTAATT	20
(2) INFORMATION FOR SEQ ID NO:225:	
<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 20 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
(ii) MOLECULE TYPE: DNA (probe)	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:225:	
CCTTCAGAGG GTAAAATTAA	20
(2) INFORMATION FOR SEQ ID NO:226:	
<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 20 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	÷

(ii) MOLECULE TYPE: DNA (probe)

•		
(xi) SEQUENCE DESCRIPTION: SEQ	ID NO:226:	
CCTTCAGAGK GTAAAATTAA		20
(2) INFORMATION FOR SEQ ID NO:227:		
<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 20 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>		
(ii) MOLECULE TYPE: DNA (probe)		• .
(xi) SEQUENCE DESCRIPTION: SEQ	ID NO:227:	
CCTTCAGAGT GTAAAATTAA		20
(2) INFORMATION FOR SEQ ID NO:228:		•
(i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 19 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	<b>3</b>	
(ii) MOLECULE TYPE: DNA (probe)		
(xi) SEQUENCE DESCRIPTION: SEQ	ID NO:228:	
CCTTCAGAGG GTAAAATCA		19
(2) INFORMATION FOR SEQ ID NO:229:		
<ul><li>(i) SEQUENCE CHARACTERISTICS:</li><li>(A) LENGTH: 19 base pairs</li><li>(B) TYPE: nucleic acid</li><li>(C) STRANDEDNESS: single</li><li>(D) TOPOLOGY: linear</li></ul>	3	
(ii) MOLECULE TYPE: DNA (probe)	· · · · · · · · · · · · · · · · · · ·	
(xi) SEQUENCE DESCRIPTION: SEQ	ID NO:229:	
GATTCAGAGT GTAAAATAC		19
(2) INFORMATION FOR SEQ ID NO:230:		
(i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 19 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single	s	

(D) TOPOLOGY: linear	
(ii) MOLECULE TYPE: DNA (probe)	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:230:	
AAAAAAGAGT GTAAAATGA	19
(2) INFORMATION FOR SEQ ID NO:231:	
<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 35 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
(ii) MOLECULE TYPE: DNA (probe)	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:231:	
GTAATTTCTT TTATAGTAGA AACCACAAAG GATAC	35
(2) INFORMATION FOR SEQ ID NO:232:	
<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 35 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
(ii) MOLECULE TYPE: DNA (oligonucleotide)	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:232:	
CATTAAAGAA AATAACATCA TTGGTGTTTC CTATG	35
(2) INFORMATION FOR SEQ ID NO:233:	
<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 23 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
(ii) MOLECULE TYPE: DNA (oligonucleotide)	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:233:	
TGAGTGGAGG TCAACGAGCA AGA	23
(2) INFORMATION FOR SEQ ID NO:234:	
<ul><li>(i) SEQUENCE CHARACTERISTICS:</li><li>(A) LENGTH: 23 base pairs</li></ul>	

<ul><li>(B) TYPE: nucleic acid</li><li>(C) STRANDEDNESS: single</li><li>(D) TOPOLOGY: linear</li></ul>	
(ii) MOLECULE TYPE: DNA (oligonucleotide)	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:234:	
TGAGTGGAGG TCAATGAGCA AGA	23
(2) INFORMATION FOR SEQ ID NO:235:	
<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 14 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
(ii) MOLECULE TYPE: DNA (oligonucleotide)	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:235:	
GTGGAGGTCA ACGA	14
(2) INFORMATION FOR SEQ ID NO:236:	
<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 14 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
(ii) MOLECULE TYPE: DNA (oligonucleotide)	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:236:	
GTGGAGATCA ACGT	14
(2) INFORMATION FOR SEQ ID NO:237:	
<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 14 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
(ii) MOLECULE TYPE: DNA (oligonucleotide)	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:237:	
TCAGAGGGTA AAAT	14
(2) INFORMATION FOR SEQ ID NO:238:	

TAGTTCTTGG AGAAGGT

(1	(A) LENGTH: 14 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear			
(ii	) MOLECULE TYPE: DNA (oligonucleotide)			
įx)	) SEQUENCE DESCRIPTION: SEQ ID NO:238:			
TCAGAGT	GTA AAAT			14
(2) INF	ORMATION FOR SEQ ID NO:239:			
(i	) SEQUENCE CHARACTERISTICS: (A) LENGTH: 19 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear		÷	
(ii	) MOLECULE TYPE: DNA (oligonucleotide)			·
			-	
(xi	) SEQUENCE DESCRIPTION: SEQ ID NO:239:		. •	
AAATATC	ATC TTTGGTGTT			19
(2) INF	ORMATION FOR SEQ ID NO:240:			
(i	) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 19 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear			
(ii	) MOLECULE TYPE: DNA (oligonucleotide)	•		
(xi	) SEQUENCE DESCRIPTION: SEQ ID NO:240:			
AAATATO	ATC TGTGGTGTT			19
(2) INF	FORMATION FOR SEQ ID NO:241:			
<b>(</b> i	(A) LENGTH: 17 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear			
(ii	) MOLECULE TYPE: DNA (oligonucleotide)			
(xi	) SEOUENCE DESCRIPTION: SEO ID NO:241:			

(2)	INFO	RMATIO	N FOR SE	Q ID NO	:242:						
	(i)	(A) (B) (C)	NCE CHAP LENGTH: TYPE: nu STRANDEL TOPOLOGY	17 base cleic a NESS: s	pairs cid single						
	(ii)	MOLEC	ULE TYPE	: DNA (	oligonu	cleotide)					
	(xi)	SEQUE	NCE DESC	RIPTION	: SEQ I	D NO:242:					
TAG'	TTCTT'	TG AGA	AGGT								17
(2)	INFO	RMATIC	N FOR SI	Q ID NO	):243:	• .					
	(i)	(A) (B) (C)	ENCE CHAI LENGTH: TYPE: nu STRANDEI TOPOLOGY	17 base cleic a NESS: s	e pairs acid single		• .		· ·		
	(ii)	MOLEC	CULE TYPI	E: DNA	(oligonu	cleotide)					
•								•			•
•	(xi)	SEQUE	ENCE DES	RIPTION	1: SEQ I	D NO:243:					
GAG	TGGAG	GT CAF	ACGAG	•							17
(2)	INFO	RMATIC	ON FOR S	EQ ID NO	0:244:						
	(i)	(A) (B) (C)	ENCE CHAI LENGTH: TYPE: no STRANDE TOPOLOG	17 base ucleic a DNESS: s	e pairs acid single						
	(ii)	MOLE	CULE TYP	E: DNA	(oligonu	cleotide)		•			
	(xi)	SEQUE	ENCE DES	CRIPTIO	N: SEQ I	D NO:244:					
GAG	TGGAG	AT CA	ACGAG								17
(2)	INFO	RMATI	ON FOR S	EQ ID NO	D:245:						
	(i)	(A) (B) (C)	ENCE CHA LENGTH: TYPE: n STRANDE TOPOLOG	12 base ucleic a DNESS:	e pairs acid single						
	(ii)	MOLE	CULE TYP	E: DNA	(oligonu	cleotide)					
	/ \	CROTH	ENGE DEC	מת ד חייד ב	M. CEO I	D NO.245.					

AGCCTAGCTG AA	12
(2) INFORMATION FOR SEQ ID NO:246:	
<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 35 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
(ii) MOLECULE TYPE: DNA (oligonucleotide)	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:246:	
GGACATCTCC AAGTTTGCAG AGAAAGACAA TATAG	.35
(2) INFORMATION FOR SEQ ID NO:247:	
<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 36 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
(ii) MOLECULE TYPE: DNA (oligonucleotide)	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:247:	
TTCTTGGAGA AGGTGGAATC ACACTGAGTG GAGGTC	36
(2) INFORMATION FOR SEQ ID NO:248:	
<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 36 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
(ii) MOLECULE TYPE: DNA (oligonucleotide)	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:248:	*
AACGAGCAAG AATTTCTTTA GCAAGGTGAA TAACTA	36
(2) INFORMATION FOR SEQ ID NO:249:	•
<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 14 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
(ii) MOLECULE TYPE: DNA (oligonucleotide)	

.,	
E	Į
France (Serve	1
Ü	atus.
ļ=	=
10 H 117 A	Į.
Ų	į
	,
ļì	
9 JI JI	ļ
Ñ	, Irini
Ħ	Į,
N	1
	į
Ë	411

	66	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:249:	
GGT	CAACGAG CAAG	14
(2)	INFORMATION FOR SEQ ID NO:250:	
	(i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 14 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	
	(ii) MOLECULE TYPE: DNA (oligonucleotide)	

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:250:

GGTCAATGAG CAAG